

土木工程學系

Department of Civil Engineering

112 學年度(Academic Year 2023)

| 科目名稱 Course Name | 學分 Credit | 第一學年 Grade 1 | | 第二學年 Grade 2 | | 第三學年 Grade 3 | | 第四學年 Grade 4 | | 備註 Note |
|--------------------------------------|--------------|-----------------|----------|-----------------|----------|-----------------|----------|-----------------|----------|------------|
| | | 上 1st | 下 2nd | 上 1st | 下 2nd | 上 1st | 下 2nd | 上 1st | 下 2nd | |
| 微積分 Calculus | 6 | 3 | 3 | | | | | | | |
| 工程圖學 Engineering Graphics | 2 | 1 | 1 | | | | | | | |
| 應用力學 Applied Mechanics | 3 | 3 | | | | | | | | |
| 工程材料學 Engineering Materials | 3 | 3 | | | | | | | | |
| 工程材料實驗 Engineering Materials Lab. | 1 | | 1 | | | | | | | |
| 測量學(一) Surveying(I) | 2 | | 2 | | | | | | | |
| 測量實習(一) Surveying Practice(I) | 1 | | 1 | | | | | | | |
| 服務學習 Service Learning | 0 | 0 | 0 | | | | | | | |
| 導師時間 Mentor's Hours | 0 | 0 | 0 | | | | | | | 必選 |
| 學術倫理 Academic Ethics | 0 | | | | | | | | | |
| 物理 General Physics | 6 | | | 3 | 3 | | | | | |
| 物理實驗 Physics Labs. | 2 | | | 1 | 1 | | | | | |
| 計算機概論 Int. to Computer Science | 3 | | | 3 | | | | | | |
| 工程數學 Engineering Mathematics | 6 | | | 3 | 3 | | | | | |
| 材料力學 Mechanics of Materials | 3 | | | 3 | | | | | | |
| 結構學(一) Theory of Structures(I) | 3 | | | | 3 | | | | | |
| 土壤力學 Soil Mechanics | 3 | | | | 3 | | | | | |
| 土壤力學實驗 Soil Mechanics Labs. | 1 | | | | 1 | | | | | |
| 流體力學 Fluid Mechanics | 3 | | | | 3 | | | | | |
| 流體力學實驗 Fluid Mechanics Labs. | 1 | | | | | 1 | | | | |
| 工程經濟學 Engineering Economics | 3 | | | | | 3 | | | | |
| 基礎工程 Foundation Engineering | 3 | | | | | 3 | | | | |

| | | 第一學年 Grade 1 | | 第二學年 Grade 2 | | 第三學年 Grade 3 | | 第四學年 Grade 4 | | |
|--|----|-----------------|----------|-----------------|----------|-----------------|----------|-----------------|----------|--|
| | | 上 1st | 下 2nd | 上 1st | 下 2nd | 上 1st | 下 2nd | 上 1st | 下 2nd | |
| 水文學 Hydrology | 3 | | | | | 3 | | | | |
| 鋼筋混凝土學 Reinforced Concrete | 3 | | | | | 3 | | | | |
| 工程地質學 Engineering Geology | 3 | | | | | | 3 | | | AB班上學期開課 Class AB opens in the 1st semester C班上學期開課 Class C opens in the 2nd semester |
| 水利工程 Hydraulic Engineering | 3 | | | | | | 3 | | | 必選 |
| 土木工程實作專題 Civil Engineering Capstone Project | 3 | | | | | | 3 | | | |
| 合計 Total | 67 | 10 | 8 | 13 | 17 | 13 | 6 | 0 | 0 | |

本系最低畢業學分為 133 學分(A minimum of 133 credits are required)

註: 1.本系大一必修課程不得退選。

2.本系大一必修課程不得停修，如有特殊情況，最遲應於學校規定期限一週前提出申請。

Note: 1. Required first year courses can't be dropped.

2. Required first year courses can't be withdrawn. If under special circumstances, it must be submitted a week before the school's deadline.

土木工程學系輔系科目表 Department of Civil Engineering Minor Program

112 學年度(Academic Year 2023)

| 科目名稱 Course Name | 學分數 Credit | 科目名稱 Course Name | 學分數 Credit |
|-----------------------------------|---------------|--------------------------------|---------------|
| 應用力學 Applied Mechanics | 3 | 材料力學 Mechanics of Materials | 3 |
| 測量學(一) Surveying(I) | 2 | 土壤力學 Soil Mechanics | 3 |
| 結構學(一) Theory of Structures(I) | 3 | 流體力學 Fluid Mechanics | 3 |
| 鋼筋混凝土學 Reinforced Concrete | 3 | 工程經濟學 Engineering Economics | 3 |

如上列之必修課已為原系之必修課則在下列各科目中選修

If courses listed above are formerly required courses in the major program, choose to enroll in the following courses.

| | | | |
|--------------------------------|---|---------------------------------|---|
| 水文學 Hydrology | 3 | 水利工程 Hydraulic Engineering | 3 |
| 基礎工程 Foundation Engineering | 3 | 工程地質學 Engineering Geology | 3 |
| 工程材料學 Engineering Materials | 3 | 營建管理 Construction Management | 3 |

輔系最低應修學分為 23 學分(A minimum of 23 credits are required)